

SEP 24 1956

9/21/56

Fly Trapping in Southern Florida Test Area

During the first trap run 9 out of 17 baits were removed by raccoons or dogs and one trap was picked up by a land-owner who thought it was a fish trap. Subsequently all traps have been lined with $\frac{1}{2}$ " or $\frac{3}{4}$ " hardware cloth at the bottom and are staked to the ground. Because of this misfortune the first week's trapping results were discounted and the traps were all rebaited 9/12/56 with fresh liver. The effective trapping dates for the first catch are considered to be 9/14-17. Results of the first 2 catches are tabulated on the attached sheet.

Although Area 1 showed a total catch of 89 ^{SW's} in the first catch this number declined to 20. Area 4 which was initially light increased from 1 s.w. to 9 in the second catch. In view of this tendency for the collections to "even out" the traps are being continued in the initial location.

for another week.

we are hoping that Areas 1 & 4 will show a sufficiently uniform sw. population density to be used as the treated areas with either Area 2 or 3 being used as the control. Areas 1 & 4 appear to be more similar in vegetation, topography and land usage than any 2 of the other 4 areas. In addition the existing road system bordering much of Areas 1 & 4 would help provide the needed guides for accurate areal distribution of the flies.

Preliminary Trapping Results - Southern Florida

Notes		9/14-17		9/17-20	
TRAP NO.		SW	CC'S FIPS	SW	CC'S FIPS
	1	0 8	825	0 3	235
A	2	0 36	190	0 6	65
R	3	0 3	50	0 1	15
E	4	0 7	330	0 2	20
A	5	0 35	1500	0 8	50
		31		20	
	1	0 0	45	0 0	45
A	2	0 0	15	0 0	5
R	3	0 2	90	0 0	5
E	4	0 9	110	0 0	10
A	5	0 0	10	0 1	50
		11		1	
	1	0 5	60	0 1	35
A	2	0 9	250	0 4	100
R	3	0 0	75	0 0	5
E	4	0 0	45	0 0	35
A	5	0 0	60	0 0	5
		14		5	
	1	0 1	2800	0 4	650
A	2	0 0	615	0 0	135
R	3	0 0	310	0 5	510
E	4	0 0	25	0 0	10
A	5	0 0	25	0 0	5
		1		9	

Date

Locality

Subject

